## INTERNATIONAL SEARCH REPORT

Int | tonal Application No P. . , BR2004/000234

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 F25B39/02 F25B F25B5/02 F25D11/00 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) F25B IPC 7 F25D Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US R E37 630 E1 (BEHR JOHN A) 1.2 9 April 2002 (2002-04-09) column 2, line 36 - column 3, line 8; figures 5,6,12,13 column 5, lines 13-56 column 6, line 65 - column 7, line 67 column 11, lines 17-65 US 3 094 164 A (SHERMAN BURTON R ET AL) X 1 18 June 1963 (1963-06-18) column 3, lines 46-75; figures 1,2 US 2002/083727 A1 (KOIKE YASUHIDE ET AL) X 1 4 July 2002 (2002-07-04) paragraphs '0003! - '0005!, '0024!, '0025!; figures 1,3,4 Further documents are listed in the continuation of box C. Patent family members are listed in annex. X Special categories of cited documents: \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another "Y" document of particular relevance; the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the document is combined with one or more other such docudocument referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 04/03/2005 23 February 2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016 Léandre, A

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